

## ABSTRACT

The nonwoven fabric sheet of the present invention is characterized by a porosity in the range of 0.3 to 0.7 and an average pore size in the range of 0.5  $\mu\text{m}$  to 5.0  $\mu\text{m}$ .

The nonwoven fabric sheet of the present invention preferably has a maximum pore size ( $\mu\text{m}$ )/average pore size ( $\mu\text{m}$ ) ratio of 1.30 or lower. The nonwoven fabric sheet of the present invention is obtained by press-molding a nonwoven fabric at a temperature lower than the melting point of the thermoplastic resin which constitutes the nonwoven fabric sheet.

According to the present invention, there is provided a nonwoven fabric sheet that has a high porosity, small uniform pore sizes and excellent productivity, which can suitably be used in various applications such as filters, light diffusing material, liquid absorber and heat insulating materials; and a method for producing the nonwoven fabric sheet.